Q is a linear or branched chain alkyl or cycloalkyl having 1 to 12 carbon atoms; an alkylenoxy chain having 1 to 12 carbon atoms, or aromatic or fused aromatic ring having 3 to 10 carbon atoms and optionally containing the heteroatoms O, N or S;

Z is a branched or linear alkane, which may contain cyclic moieties, a siloxane, a polysiloxane, a C_1 to C_4 alkoxy-terminated siloxane or polysiloxane, a polyether, a polyether, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic, or heteroaromatic group.

9. A vinyl ether compound having the structure:

$$\begin{bmatrix} R^3 & O \\ R^1 & Q & N \\ R^2 & R^1 & R^1 \end{bmatrix}_{n}$$

in which

n is 1 to 6;

R¹, R², and R³ are hydrogen, methyl or ethyl;

Q is [an alkyl or cyckoalkyl linear or branched chain having 1 to 12 carbon atoms;B] a linear or branched chain alkyl or cycloalkyl having 1 to 12 carbon atoms; an alkylenoxy chain having 1 to 12 carbon atoms, or aromatic or fused aromatic ring having 3 to 10 carbon atoms and optionally containing the heteroatoms O, N or S;

Z is a branched or linear alkane, which may contain cyclic moieties, a siloxane, a polysiloxane, a C_1 to C_4 alkoxy-terminated siloxane or polysiloxane, a polyether, a polyester, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic, or heteroaromatic group.